

## SEQUENCE LISTING

<110> HIRSCH, FRANCOIS  
HAEFFNER, ASTRID

<120> NF-KB ACTIVATION INHIBITORS, AND THEIR PHARMACEUTICAL  
USES

<130> USB98CNRN

<140> 09/856,796

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<151> 1998-11-25

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 609

<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (1)..(606)

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tgc ctg ccc tgg ctt caa gag ggc agt gcc ttc cca acc att ccc tta	96
Cys Leu Pro Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr Ile Pro Leu	
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tcc agg ctt ttt gac aac gct agt ctc cgc gcc cat cgt ctg cac cag	144
Ser Arg Leu Phe Asp Asn Ala Ser Leu Arg Ala His Arg Leu His Gln	
35 40 45	
ctg gcc ttt gac acc tac cag gag ttt aac ccc cag acc tcc ctc tgt	192
Leu Ala Phe Asp Thr Tyr Gln Glu Phe Asn Pro Gln Thr Ser Leu Cys	
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ttc tca gag tct att ccg aca ccc tcc aac agg gag gaa aca caa cag	240
Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln	
65 70 75 80	
aaa tcc aac cta gag ctg ctc cgc atc tcc ctg ctg ctc atc cag tcg	288
Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Gln Ser	
85 90 95	

tgg ctg gag ccc gtg cag ttc ctc agg agt gtc ttc gcc aac agc ctg 336  
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gtg tac ggc gcc tct gac agc aac gtc tat gac ctc cta aag gac cta 384  
 Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu  
 115 120 125

gag gaa ggc atc caa acg ctg atg ggg agg ctg gaa gat ggc agc ccc 432  
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 130 135 140

cgg act ggg cag atc ttc aag cag acc tac agc aag ttc gac aca aac 480  
 Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn  
 145 150 155 160

tca cac aac gat gac gca cta ctc aag aac tac ggg ctg ctc tac tgc 528  
 Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys  
 165 170 175

ttc agg aag gac atg gac aag gtc gag aca ttc ctg cgc atc gtg cag 576  
 Phe Arg Lys Asp Met Asp Lys Val Glu Thr Phe Leu Arg Ile Val Gln  
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Ser Arg Leu Phe Asp Asn Ala Ser Leu Arg Ala His Arg Leu His Gln  
 35 40 45

Leu Ala Phe Asp Thr Tyr Gln Glu Phe Asn Pro Gln Thr Ser Leu Cys  
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Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln  
 65 70 75 80

Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Gln Ser  
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Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val Phe Ala Asn Ser Leu  
 100 105 110

Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu  
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Glu Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Pro  
 130 135 140

Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn  
 145 150 155 160

Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys  
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<222> (1)..(579)

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ctg tcg ctc cct ctg ggc ctc cca gtc ctg ggc gcc cca cca cgc ctc 96  
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atc tgt gac agc cga gtc ctg gag agg tac ctc ttg gag gcc aag gag 144  
 Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu  
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gcc gag aat atc acg acg ggc tgt gct gaa cac tgc agc ttg aat gag 192  
 Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu  
 50 55 60

aat atc act gtc cca gac acc aaa gtt aat ttc tat gcc tgg aag agg 240  
 Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg  
 65 70 75 80

atg gag gtc ggg cag cag gcc gta gaa gtc tgg cag ggc ctg gcc ctg 288  
 Met Glu Val Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu  
 85 90 95

ctg tcg gaa gct gtc ctg cgg ggc cag gcc ctg ttg gtc aac tct tcc 336  
 Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser  
 100 105 110

cag ccg tgg gag ccc ctg cag ctg cat gtg gat aaa gcc gtc agt ggc 384  
 Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly  
 115 120 125

ctt cgc agc ctc acc act ctg ctt cgg gct ctg gga gcc cag aag gaa 432  
 Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Gln Lys Glu  
 130 135 140

gcc atc tcc cct cca gat gcg gcc tca gct gct cca ctc cga aca atc 480  
 Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile  
 145 150 155 160

act gct gac act ttc cgc aaa ctc ttc cga gtc tac tcc aat ttc ctc 528  
 Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu  
 165 170 175

cgg gga aag ctg aag ctg tac aca ggg gag gcc tgc agg aca ggg gac 576  
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Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu  
 35 40 45

Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu  
 50 55 60

Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg  
 65 70 75 80

Met Glu Val Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu  
 85 90 95

Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser  
 100 105 110

Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly  
 115 120 125

Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Gln Lys Glu  
 130 135 140

Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile  
 145 150 155 160

Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu  
165 170 175

Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg Thr Gly Asp  
180 185 190

Arg